



PTO/SB/30 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it displays a valid OMB control number

# REQUEST FOR CONTINUED EXAMINATION (RCE) TRANSMITTAL

Subsection (b) of 35 U.S.C. § 132, effective on May 29, 2000,  
provides for continued examination of an utility or plant  
application filed on or after June 8, 1995.  
See The American Inventors Protection Act of 1999 (AIPA)

Application Number	09/726,710
Filing Date	November 30, 2000
First Named Inventor	Takashi HASEGAWA
Group Art Unit	2817
Examiner Name	S. Jones
Attorney Docket Number	36856.993

This is a Request for Continued Examination (RCE) under 37 C.F.R. § 1.114 of the above-identified application.

**NOTE:** 37 C.F.R. § 1.114 is effective on May 29, 2000. If the above-identified application was filed prior to May 29, 2000, applicant may wish to consider filing a continued prosecution application (CPA) under 37 C.F.R. § 1.53 (d) (PTO/SB/29) instead of a RCE to be eligible for the Patent term adjustment provisions of the AIPA. See Changes to Application Examination and Provisional Application Practice, Final Rule, 65 Fed. Reg. 50092 (Aug. 16, 2000); Interim Rule, 65 Fed. Reg. 14865 (Mar. 20, 2000), 1233 Off. Gaz. Pat. Office 47 (Apr. 11, 2000) which established RCE practice.

## 1. Submission required under 37 C.F.R. § 1.114

- a. ☒ Previously submitted
- i. ☒ Consider the amendment(s) reply under 37 C.F.R. § 1.116 previously filed on December 22, 2003.  
(Any unentered amendment(s) referred to above will be entered).
- ii. ☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on
- iii. ☐ Other
- b. ☒ Enclosed
- i. ☐ Amendment/Reply
- ii. ☐ Affidavit(s)/Declaration(s)
- iii. ☒ Information Disclosure Statement (IDS)
- iv. ☐ Other

## 2. Miscellaneous

- a. ☐ Suspension of action on the above-identified application is requested under 37 C.F.R. § 1.103© for a period of \_\_\_\_\_ months. (Period of suspension shall not exceed 3 months; Fee under 37 C.F.R. § 1.17(i) required)
- b. ☐ Other

## 1. Fees

The RCE fee under 37 C.F.R. § 1.17 (e) is required by 37 C.F.R. § 1.114 when the RCE is filed.

- a. ☐ The Director is hereby authorized to charge the following fees, or credit any overpayments, to Deposit Account No. \_\_\_\_\_
- i. ☐ RCE fee required under 37 C.F.R. § 1.17(e) 02/05/2004 AWONDAF1 00000028 09726710
- ii. ☒ Extension of time fee (37 C.F.R. §§ 1.136 and 1.17) 01 FC:1801 770.00 OP
- iii. ☐ Other
- b. ☐ Check in the amount of \$ \_\_\_\_\_ enclosed
- c. ☒ Payment by credit card (Form PTO-2038 enclosed)

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

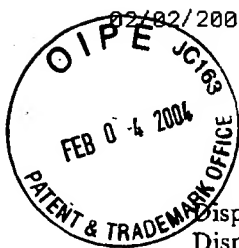
Name (Print/Type)	Christopher A. Bennett	Registration No. (Attorney/Agent)	46,710
Signature		Date	February 2, 2004

## CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner For Patents, Box RCE, Washington, DC 20231, or facsimile transmitted to the U.S. Patent and Trademark Office on:

Name (Print/Type)	Sonia V. McVean	Date	February 2, 2004
Signature			

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231



Output Date: 8/1/2003

Dispatch Number: 9-5-2003-029596651 To: Dong-Yol Yoon (#901 Yeosam  
Dispatch Date: July 31, 2003 Building, 648-23 Yeoksam 1-dong,  
Submission Deadline: September 30, 2003 Gangnam-gu, Seoul 135-748)

[Stamp: Receipt, 8/1/2003, No. 0833, Dong-Yol Yoon International Patent & Law Firm]

KOREAN INTELLECTUAL PROPERTY OFFICE  
NOTIFICATION OF OPINION

Applicant: Name: Kabushiki Kaisha Murata Seishakusho<sup>II</sup> (Applicant Code: 519980960646)  
Address: 26-10, Denjin 2nd Street, Nakaokakyo, Kyoto, Japan  
Agent: Name: Dong-Yol Yoon and one other  
Address: #901 Yeosam Building, 648-23 Yeoksam 1-dong, Gangnam-gu, Seoul  
Application Number: 10-2000-0071915  
Title of Invention: Nonreciprocal Circuit Device, Nonreciprocal Circuit and Communication Device

This is to inform you, pursuant to Article 63 of the Patent Act, that a review of this patent application resulted in the following grounds for rejection. If you have an opinion regarding this or if the application requires correction, please submit a written statement of opinion (Accompanying Document Form No. 25-2 of the Enforcement Regulation of the Patent Act) and/or an amendment (Accompanying Document Form No. 5 of the Enforcement Regulation of the Patent Act) by the deadline above. (Applications for extension of the deadline above may be filed for one month at a time. No separate extension approved notification is provided regarding such an application.)

(Grounds for Rejection)

The invention described in the claims of this application is unpatentable pursuant to Article 29 (2) of the Patent Act because, prior to this application, a person with ordinary knowledge in the technical field to which this invention belongs could create the invention easily based on the information provided below.

The invention described in all claims of the present patent application, which provides a compact nonreciprocal circuit device with at least one filter inductor having significant attenuation properties and a communication device incorporating the same, could be readily derived by a person skilled in the art from the configuration of Cited Invention 1, which comprises a device having an LC circuit in the form of a matching capacitor and coil inductance coupled to the port of a central conductor in a circulator providing a plurality of frequencies equivalent to a number of resonance circuits centered on the central conductor, and the configuration of Cited Invention 2, which comprises a concentrated constant circulator equipped with a central ferrite conductor having strip conductors formed crossing on its top surface and a structure by which it is connected to the ground plane through inductance connected serially with capacitance. The purpose and effects of the present invention, also, are identical with the purpose and effects contained in the cited inventions.

[Attachment]

Attachment 1. Japanese Unexamined Patent No. H11-097907 (April 9, 1999), one copy

Attachment 2. Japanese Unexamined Patent No. H05-095207 (April 16, 1993), one copy

End.

July 31, 2003

Korean Intellectual Property Office Examination Bureau 4  
Sang-ung Lee, Examiner, Telecommunication Examination Office  
[seal]

Output Date: 8/1/2003

## &lt;&lt;Information&gt;&gt;

Should you have any question, please call 042-481-5714.

All Korean Intellectual Property Office employees are doing their best to achieve clean patent administration. Please report any employee misconduct you may encounter.

Corruption Reporting Center on KIPO's home page ([www.kipo.go.kr](http://www.kipo.go.kr))

<sup>1</sup> Translator's note: This firm's official English name in the web site is "Yoon & Lee International Patent & Law Firm," and the name given in this translation is the straight translation of the Korean name.

<sup>ii</sup> Translator's note: The translator has transliterated the company name given in Korean characters, which in turn was transliterated from the Japanese company name whose official English name is "Murata Manufacturing Co., Ltd."

출력 일자: 2003/8/1

발송번호 : 9-5-2003-029596651

수신 : 서울 강남구 역삼1동 648-23 여상빌딩 901

발송일자 : 2003.07.31

호

제출기일 : 2003.09.30

윤동열 귀하

135-748

## 특허청 의견제출통지서



출원인 명칭 가부시킴가이샤 무라타 세이사쿠쇼 (출원인코드: 519980960846)

주소 일본국 교토후 나가오카교시 덴진 2초메 26방 10고

대리인 성명 윤동열 외 1 명

주소 서울 강남구 역삼1동 648-23 여상빌딩 901호

출원번호 10-2000-0071915

발명의 명칭 비가역 회로 소자, 비가역 회로 및 통신 장치

이 출원에 대한 심사결과 아래와 같은 거절이유가 있어 특허법 제63조의 규정에 의하여 이를 통지하오니 의견이 있거나 보정이 필요할 경우에는 상기 제출기일까지 의견서[특허법시행규칙 별지 제25호의2서식] 또는/및 보정서[특허법시행규칙 별지 제5호서식]를 제출하여 주시기 바랍니다. (상기 제출기일에 대하여 매회 1월 단위로 연장을 신청할 수 있으며, 이 신청에 대하여 별도의 기간연장승인 통지는 하지 않습니다.)

### [이유]

이 출원의 특허청구범위에 기재된 발명은 그 출원전에 이 발명이 속하는 기술분야에서 통상의 지식을 가진 자가 아래에 지적한 것에 의하여 용이하게 발명할 수 있는 것이므로 특허법 제29조제2항의 규정에 의하여 특허를 받을 수 없습니다.

- 아 래 -

소형의 큰 감쇄특성을 갖는 필터용 인덕터를 적어도 하나 갖는 비가역 회로소자와 이를 포함하는 통신장치를 제공할 요지로 하는 본원 청구범위 전항의 발명은 인용발명1의 중심도체를 중심으로 공진회로의 숫자만큼 복수의 주파수를 제공하는 서클레이터에서 중심도체의 포트에 접합용 커패시터와 코일 인덕터의 결합 형태로 LC 회로를 구현한 소자의 구성과 인용발명2의 중심 페라이트 도체와 상면에 교차하며 형성된 스트림 도체가 존재하며 커패시터와 직렬로 연결된 인덕터를 통해 접지 평면에 접속되어 있는 구조의 집중정수형 서클레이터의 구성으로부터 당업자가 용이하게 발명할 수 있으며, 본원의 목적 및 효과도 인용발명의 내재된 목적 및 효과와 다르지 않습니다.

### [첨부]

첨부 1 일본공개특허공보 평11-097907호(1999.04.09) 1부

첨부2 일본공개특허공보 평05-095207호(1993.04.16) 1부 끝.

2003.07.31

특허청

심사4국

통신심사담당관실

심사관 이상웅



출력 일자: 2003/8/1

<<안내>>

문의사항이 있으시면 ☎ 042-481-5714 로 문의하시기 바랍니다.

특허청 직원 모두는 깨끗한 특허행정의 구현을 위하여 최선을 다하고 있습니다. 만일 업무처리과정에서 직원의 부조리행위가 있으면 신고하여 주시기 바랍니다.

▶ 홈페이지([www.kipo.go.kr](http://www.kipo.go.kr))내 부조리신고센터